Oil & Gas Smart Fields



Affordable Remote Monitoring and Control Services

Operators of oil & gas wells, tanks, compressors, and pipelines are demanding smart field systems to monitor production and transportation operations and provide alerts on equipment malfunctions and other problems. Such alerts and remote monitoring and control capabilities increase production (and therefore sales), decrease trips to the field, and avoid costly spills.

M2M offers a complete spectrum of smart field functionality, ranging from simple high level tank indicator alarms to full integration to sophisticated remote control operations.

- Requires minimal or no capital; low, fixed monthly service fees
- > Reduces lost revenue by eliminating or reducing operational down-time
- Lowers overall operation costs through real-time predictive/preventative maintenance programs
- Provides instant access to monthly volumes, spot rates, pressures, and equipment status
- Reduce down time through real-time alarms 24/7 via cell phone, PDA, and email
- → Scales quickly from a few assets/sites to thousands
- Allows for "Smart Field" initiatives and "Smart Pumper Routes" and puts the focus on operational abnormalities
- Automates reporting to allow focus on analyzing data, not collecting data or manually generating reports



Oil & Gas Smart Fields

Oil Wells

Compressors

Injection Wells

Pipelines

Gas Wells

Meter Aggregation

Coal Bed Methane

Tank Batteries

and more . . .

Recent Applications

Devon Energy
Hanover Compression
Bureau of Land Management
Jona Energy
Xcel Energy
Forest Oil Company



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Typical payback on an M2M smart field solution is less than 1 year

M2M solutions completely automate and manage most smart field functions, allowing customers to achieve new levels of efficiency, asset optimization, and profitability.





- Reliable; backed by service level guarantees
- → Fastest time-to-service; hassle-free, turnkey solution
- Scalable; monitor one asset or numerous dissimilar assets with aggregation capabilities
- Adaptable; collects and transmits data automatically from existing EFM or other RTU devices
- Compatible; data ported directly to other back-office software applications
- → Alarm notifications; cell phone, pager, PDA, and email
- Real-time displays; rich, graphical screens, all automated operational parameters on demand
- Archived database; historical, trending, and operational data
- Broad communications options; radio, microwave, satellite, and terrestrial